

I claim:

- 1 1. A slip comprising:
 - 2 a. a slip body;
 - 3 b. arms extending from the slip body;
 - 4 c. a first set of vertical pins attaching the arms to the slip body;
 - 5 d. a plurality of linked segments coupled to the arms; and
 - 6 e. a second set of vertical pins linking the segments in overlapping layers.
- 1 2. The slip of claim 1, wherein each of the linked segments defines an arcuate
2 interior surface.
3. The slip of claim 2, wherein the arcuate interior surface defines threads.
- 1 4. The slip of claim 2, wherein the arcuate interior surface includes a plurality of
2 outwardly extending cones adapted to grip the surface of a tubular.
- 1 5. A slip ram comprising:
 - 2 a. a body having a vertical bore defining a vertical centerline and a horizontal
3 bore extending laterally from the vertical bore;
 - 4 b. a cylinder extending from the horizontal bore;
 - 5 c. a piston within the cylinder;

- 6 d. a piston rod extending from the piston; and
- 7 e. a slip coupled to the piston rod within the horizontal bore, the slip
- 8 comprising
 - 9 i. a slip body;
 - 10 ii. arms extending from the slip body;
 - 11 iii. a first set of vertical pins attaching the arms to the slip body;
 - 12 iv. a plurality of linked segments coupled to the arms; and
 - 13 v. a second set of vertical pins linking the segments.

1 6. The slip of claim 5, wherein each of the linked segments defines an arcuate
2 interior surface.

7. The slip of claim 6, wherein the arcuate interior surface defines threads.

1 8. The slip of claim 6, wherein the arcuate interior surface includes a plurality of
2 outwardly extending cones adapted to grip the surface of a tubular.